

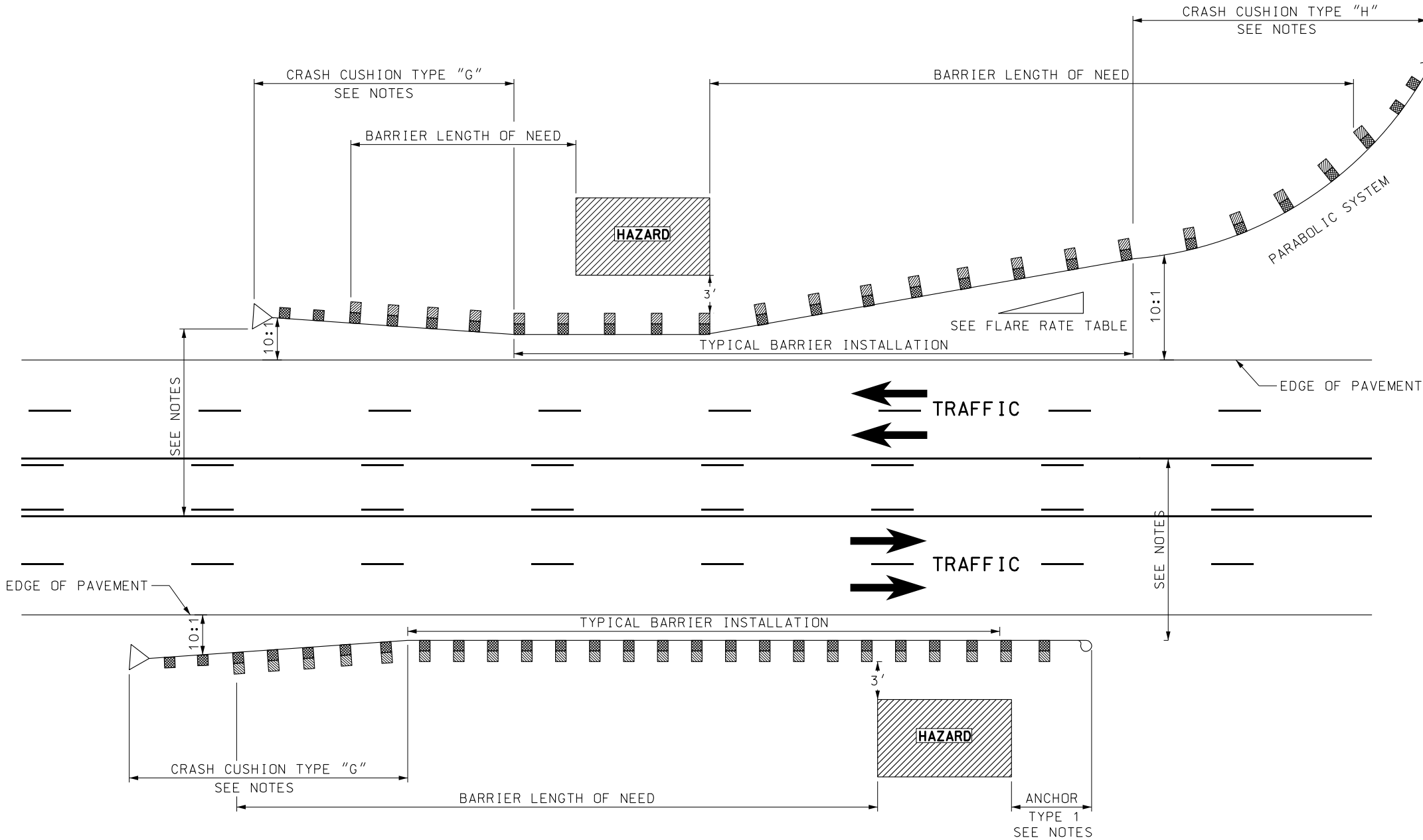
18-DEC-2007 DGN File: L:\Standard Drawings\Imperial\2008\Approved\Barriers (BA)\BA4G.dgn

FLARE RATE TABLE		
SPEED (MPH)	RATE OUTSIDE SHY LINE	* RATE INSIDE SHY LINE
≤35	7:1	13:1
40	8:1	16:1
45	10:1	18:1
50	11:1	21:1
55	12:1	24:1
60	14:1	26:1
65	15:1	30:1
≥70	15:1	30:1

\* DESIGN EXCEPTION REQUIRED

NOTES:

1. WHEN USING GUARDRAIL BARRIER, AND A RAISED MEDIAN (ISLAND) IS PRESENT OR BEING CONSTRUCTED, AND THE MEDIAN CURB MEETS STD DWG GW 2, NOTE 3 CRITERIA, NOTE 2 OF THIS DRAWING DOES NOT APPLY.
2. USE CRASH CUSHION OR BURIED-IN-BACKSLOPE WHEN END OF GUARDRAIL INSTALLATION IS WITHIN 1.2 TIMES THE AASHTO REQUIRED CLEAR ZONE.
3. USE A CRASH CUSHION OR ANCHOR TYPE 1 WHEN END OF GUARDRAIL INSTALLATION IS EQUAL TO OR GREATER THAN 1.2 TIMES THE AASHTO CLEAR ZONE, FOR OPPOSING TRAFFIC.
4. CRASH CUSHIONS SHOWN ARE FOR ILLUSTRATION. TYPES "G" AND "H" CAN BE USED ON TANGENT OR FLARED GUARDRAIL INSTALLATIONS.
5. CONSIDER USING BURIED TERMINAL END WHEN CONDITIONS PERMIT.
6. CONSULT GUIDELINES FOR CRASH CUSHIONS AND STD DWGS, CC SERIES FOR PROPER CRASH CUSHION SELECTION AND INSTALLATION REQUIREMENTS.



REVISIONS		REMARKS	
NO.	DATE	APPR.	

UTAH DEPARTMENT OF TRANSPORTATION		STANDARD DRAWINGS FOR ROAD AND BRIDGE CONSTRUCTION	
RECOMMENDED FOR APPROVAL		DATE	
CHAIRMAN STANDARDS COMMITTEE		DATE	
APPROVED		DATE	
DEPUTY DIRECTOR		DATE	

W-BEAM GUARDRAIL TYPICAL MULTILANE ARTERIAL		STANDARD DRAWING TITLE	
STD DWG BA 4G			